

## 2.2.1 HPMM Card Files

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### Three types of HPMM card files

There are three types of HPMM card files. The two left-most slots of each type are populated by the three assemblies that comprise the HPMM. The remaining slots accommodate IOPs.

If the card file is a non-CE Compliant card file, the two left-most slots of each type can also accommodate IOPs with no alterations. The card file is then designated an IOP card file.

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### HPMM description

The High-Performance Process Manager Module (HPMM) is composed of two card assemblies that install in the two left-most slots in a 7-Slot or 15-Slot card file, and a UCN interface module that mounts and connects to the 50-pin connector that is directly below the left-most card.

The three HPMM assemblies are identified as follows:

- High-Performance Communications/Control (High-Performance Comm/Control) card
- High-Performance I/O Link Interface (High-Performance I/O Link) card
- High-Performance UCN Interface (HPM UCN Interface) module

The HPM UCN Interface module connects to the 50-pin connector below the High-Performance Comm/Control card.

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### Left 7-Slot HPMM card file description

The Left 7-Slot card file accepts the two HPMM cards and the HPM UCN Interface module that comprise the HPMM, and accommodates up to five IOP cards. The card slots are numbered 1 through 7, starting at the left-most position.

The High-Performance Comm/Control and High-Performance I/O Link cards occupy slots 1 and 2, while the HPM UCN Interface module mounts below slot 1 and connects to its 50-pin connector.

Slots 3 through 7 can accommodate IOP cards. The IOP card slots assume numerical I/O Link Interface addresses of 3 through 7 and binary I/O Link Interface addresses of 2 through 6.

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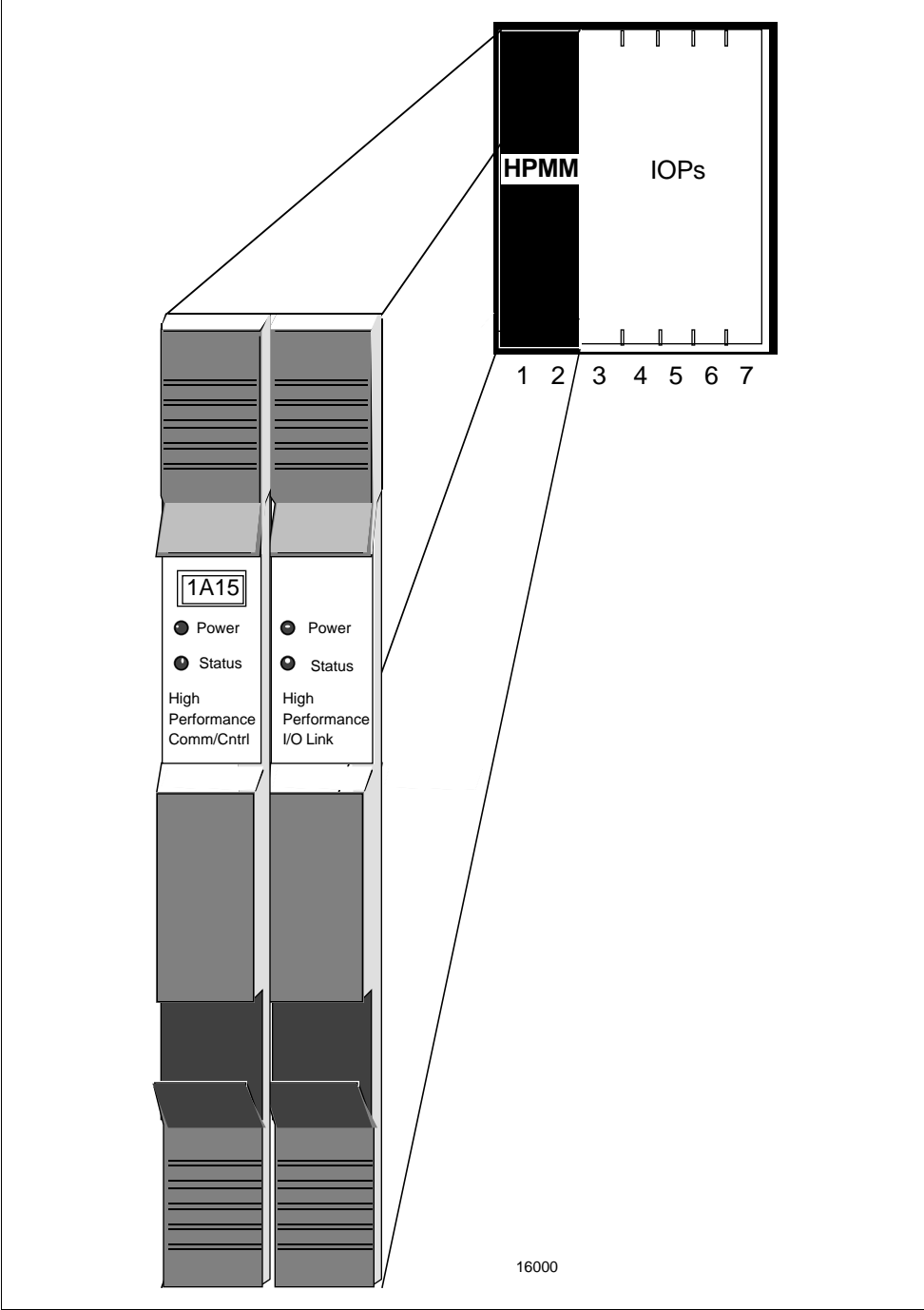
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# 2.2.1 HPMM Card Files, Continued

## Left 7-Slot HPMM card file illustration

Figure 2-2 is an illustration of a Left 7-Slot HPMM card file and the two HPMM cards that occupy slots 1 and 2.

Figure 2-2 Left 7-Slot HPMM Card File



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## 2.2.1 HPMM Card Files, Continued

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**Right 7-Slot HPMM card file description**

The description of the Right 7-Slot HPMM card file is identical to the Left 7-Slot HPMM card file, except the two HPMM cards and the UCN interface module occupy slots 9 and 10. The card slots are numbered 9 through 15.

Slots 11 through 15 accommodate IOP cards. The IOP card slots assume numerical I/O Link Interface addresses of 11 through 15 and binary I/O Link Interface addresses of 10 through 14.

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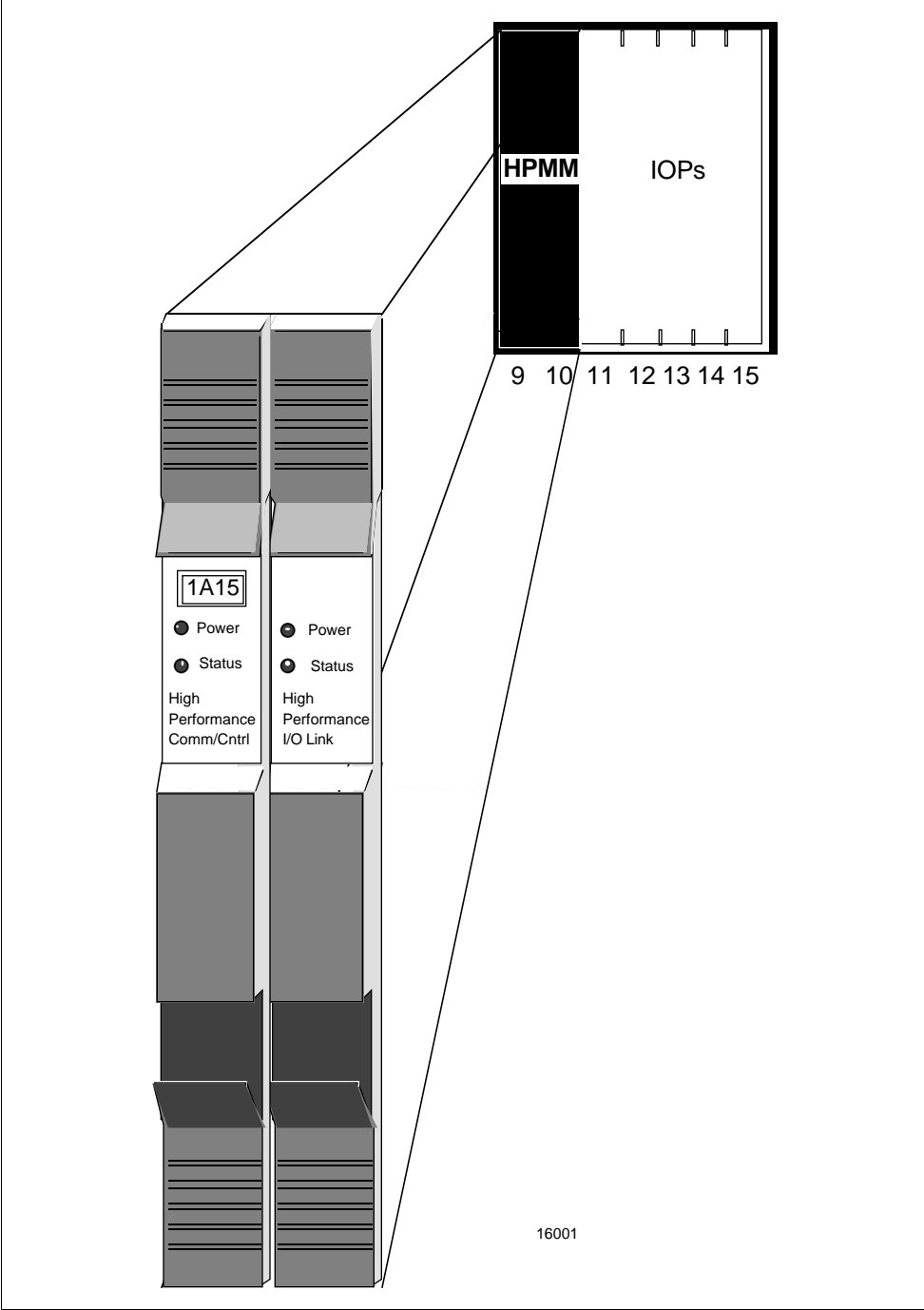
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# 2.2.1 HPMM Card Files, Continued

## Right 7-Slot HPMM card file illustration

Figure 2-3 is an illustration of a Right 7-Slot HPMM card file and the two HPMM cards that occupy slots 9 and 10.

Figure 2-3 Right 7-Slot HPMM Card File



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## 2.2.1 HPMM Card Files, Continued

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### 15-Slot HPMM card file description

The 15-Slot card file accepts the two HPMM cards and the UCN interface module that comprise the HPMM, and accommodates up to thirteen IOP cards. The card slots are numbered 1 through 15, starting at the left-most position.

The High-Performance Comm/Control and High-Performance I/O Link cards occupy slots 1 and 2, while the HPM UCN Interface module mounts below slot 1 in its 50-pin connector.

Slots 3 through 15 can accommodate IOP cards. The IOP card slots assume numerical I/O Link Interface addresses of 3 through 15 and binary I/O Link Interface addresses of 2 through 14.

When populated with the HPMM cards, the card file is designated a 15-Slot HPMM card file.

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